

FIG. 1a

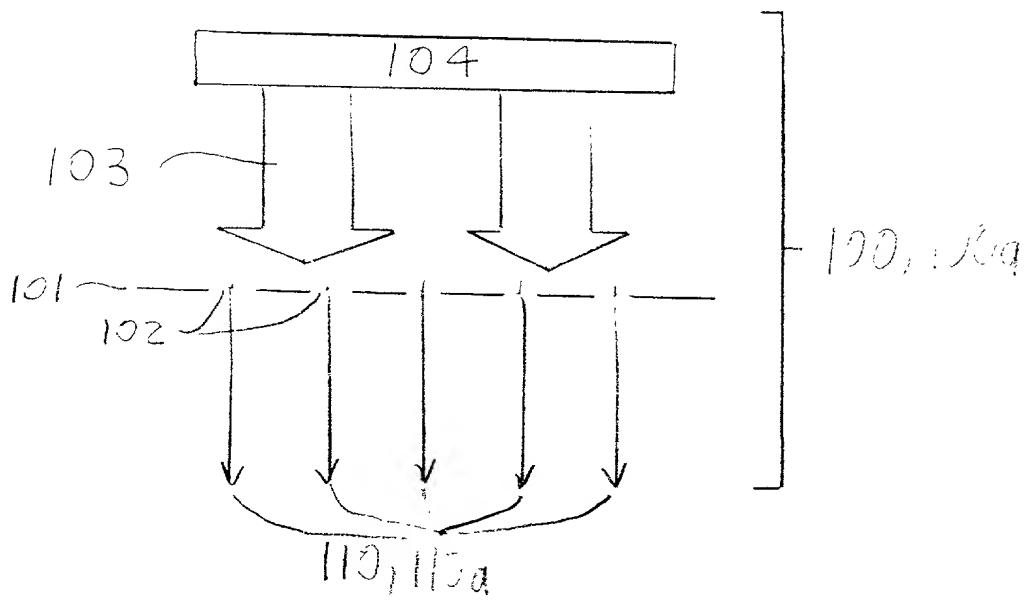


FIG. 1b

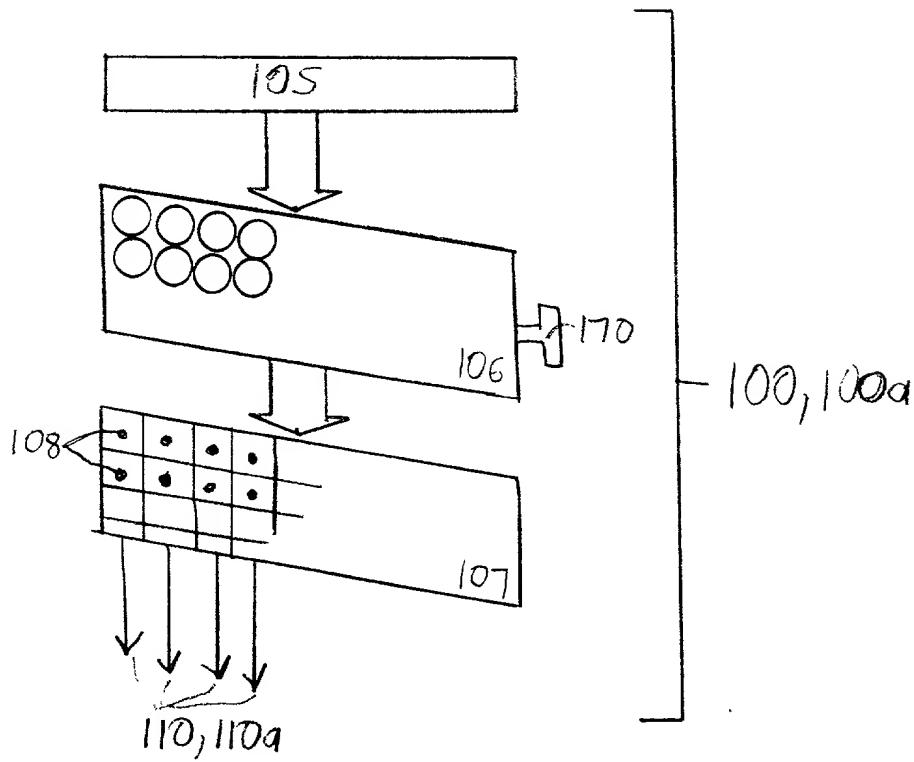


FIG. 1c

100,102a

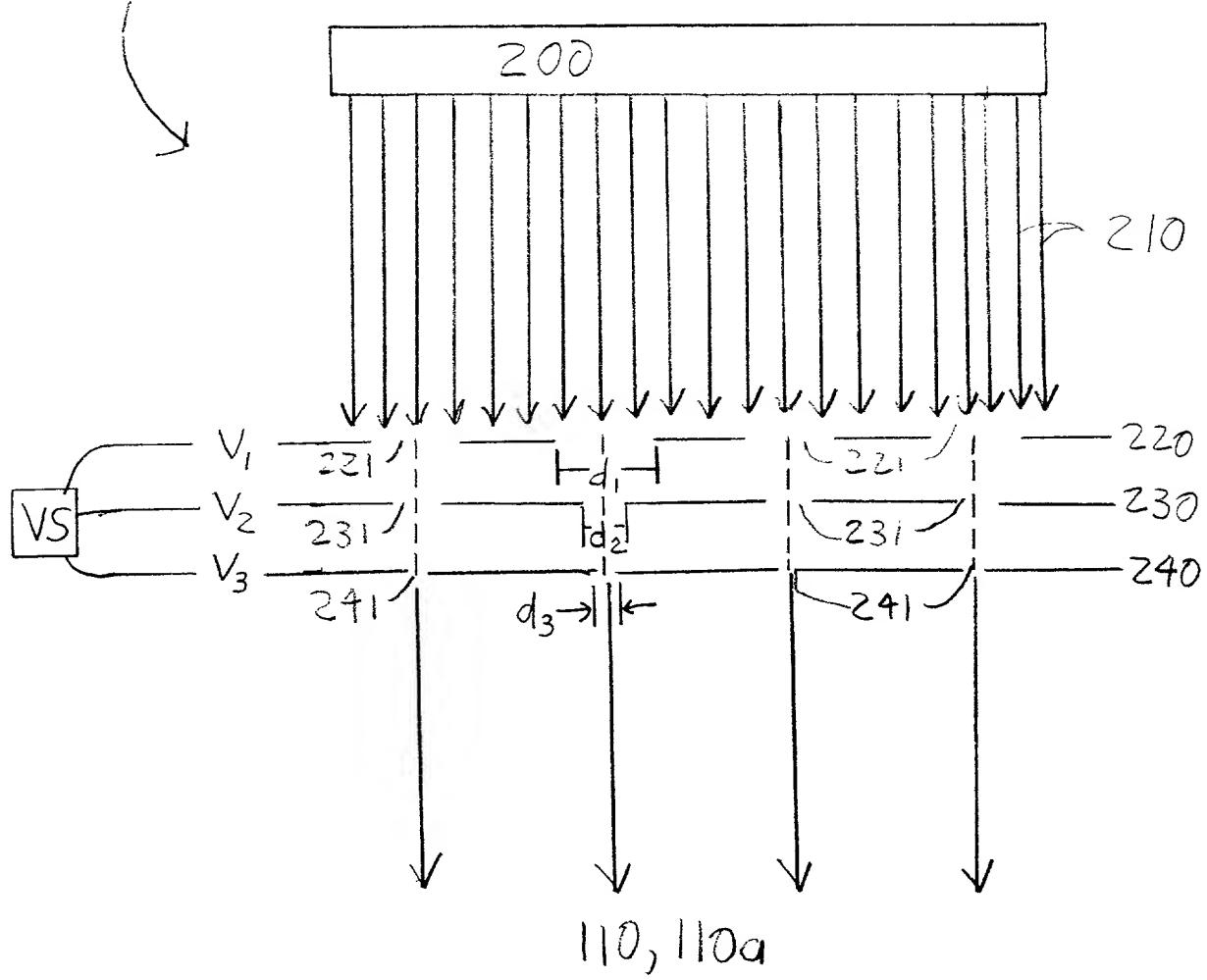


FIG. 1d

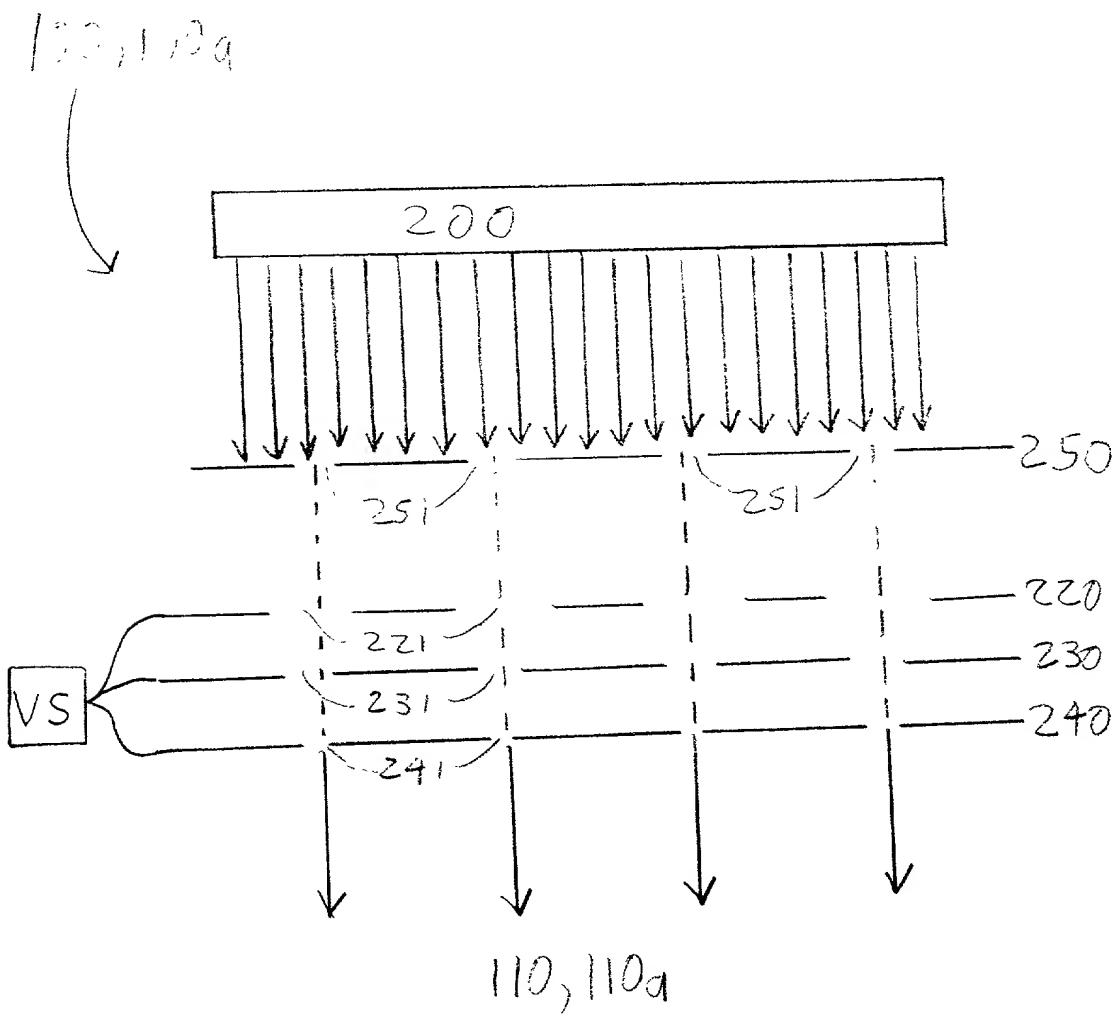
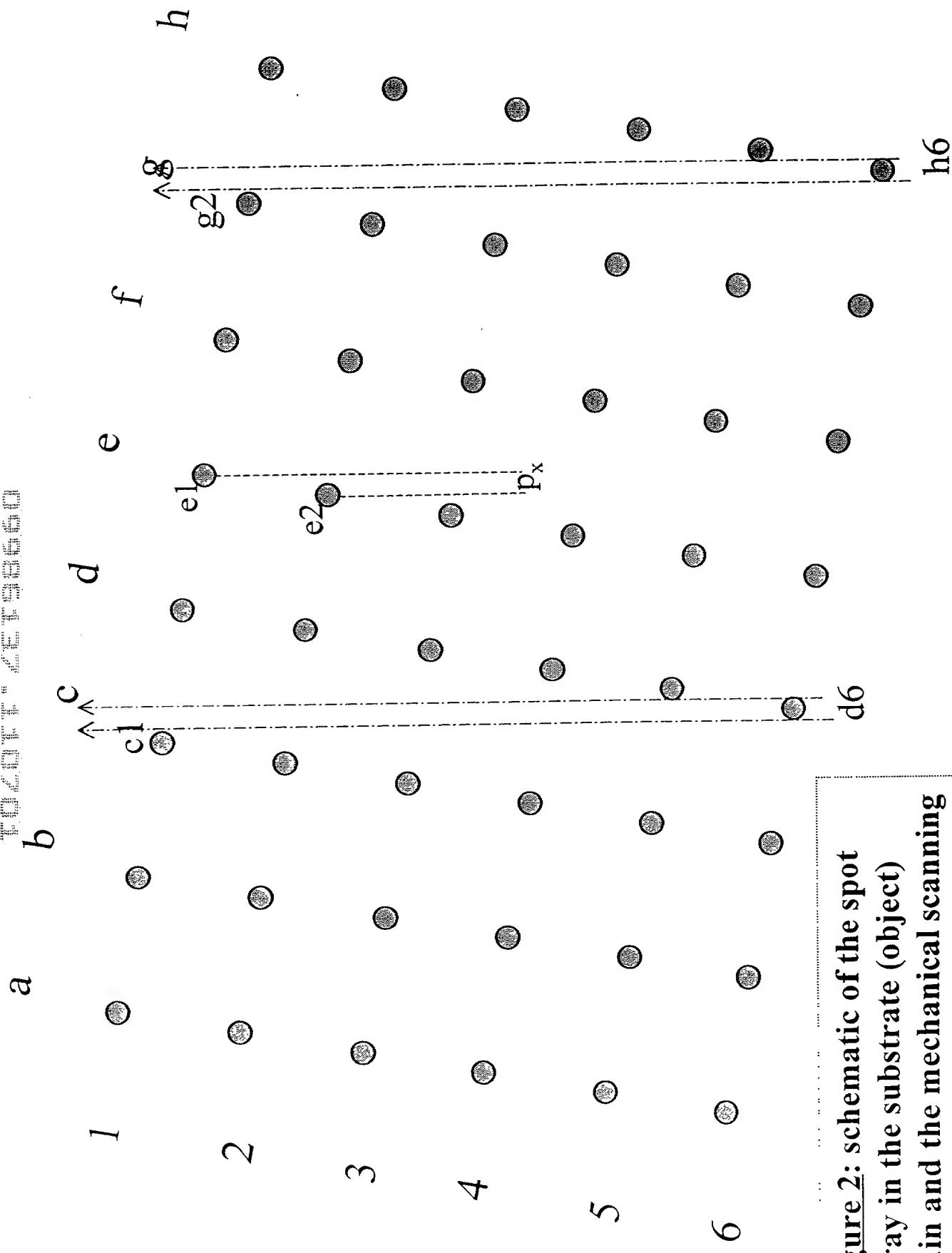
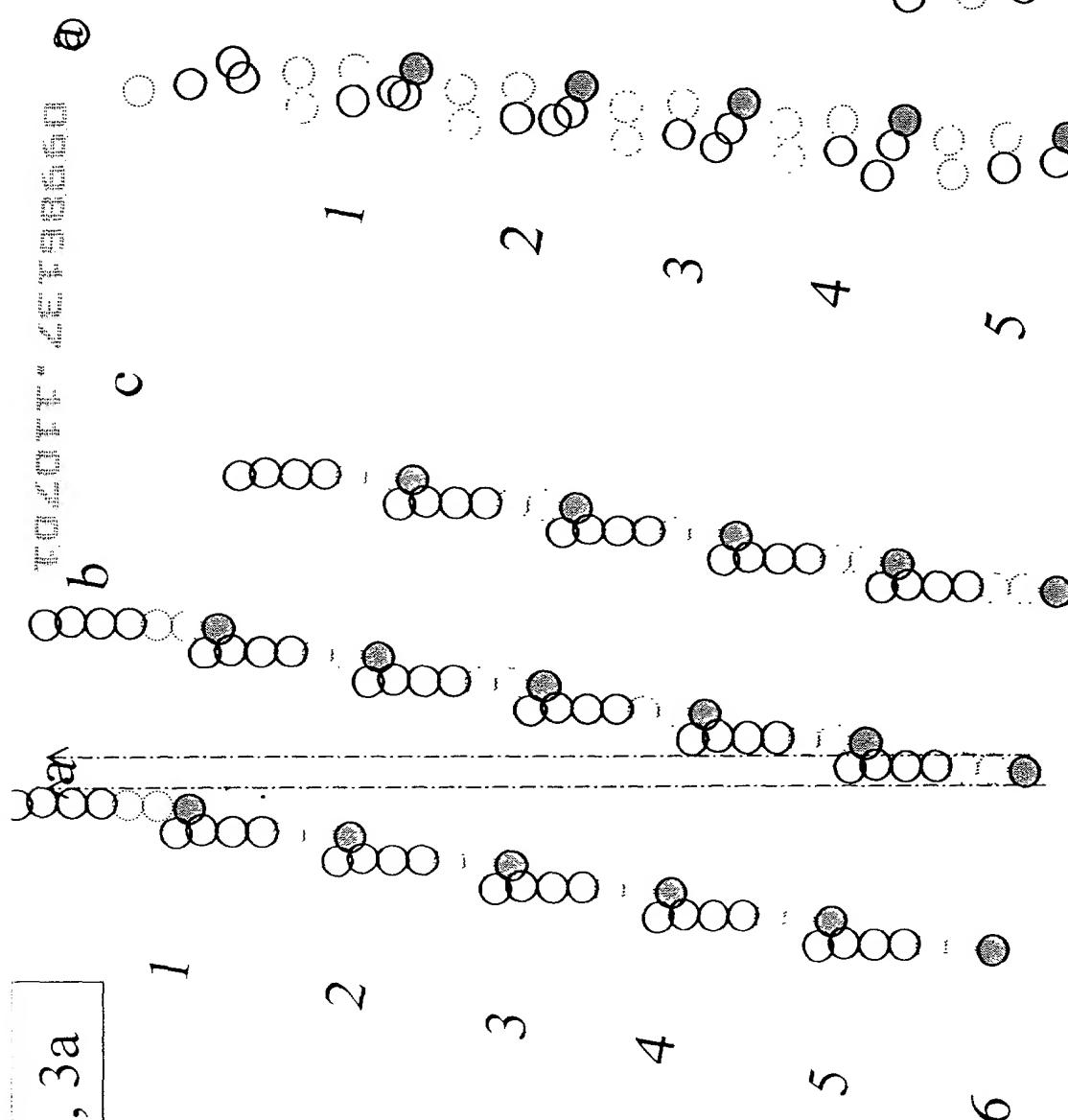


FIG. 1e



**Figure 2:** schematic of the spot array in the substrate (object) plain and the mechanical scanning mechanism

Fig, 3a



Fig, 3b

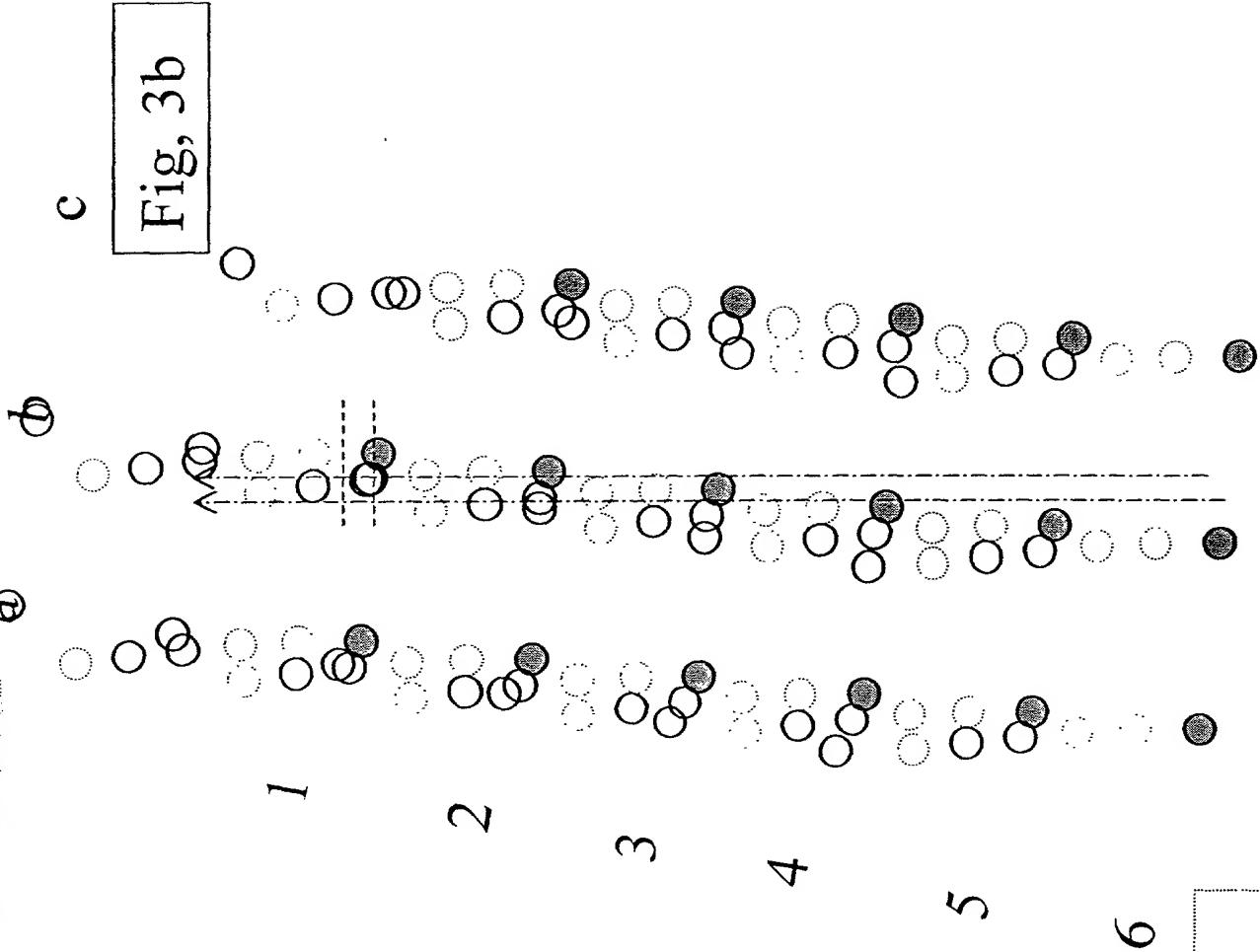
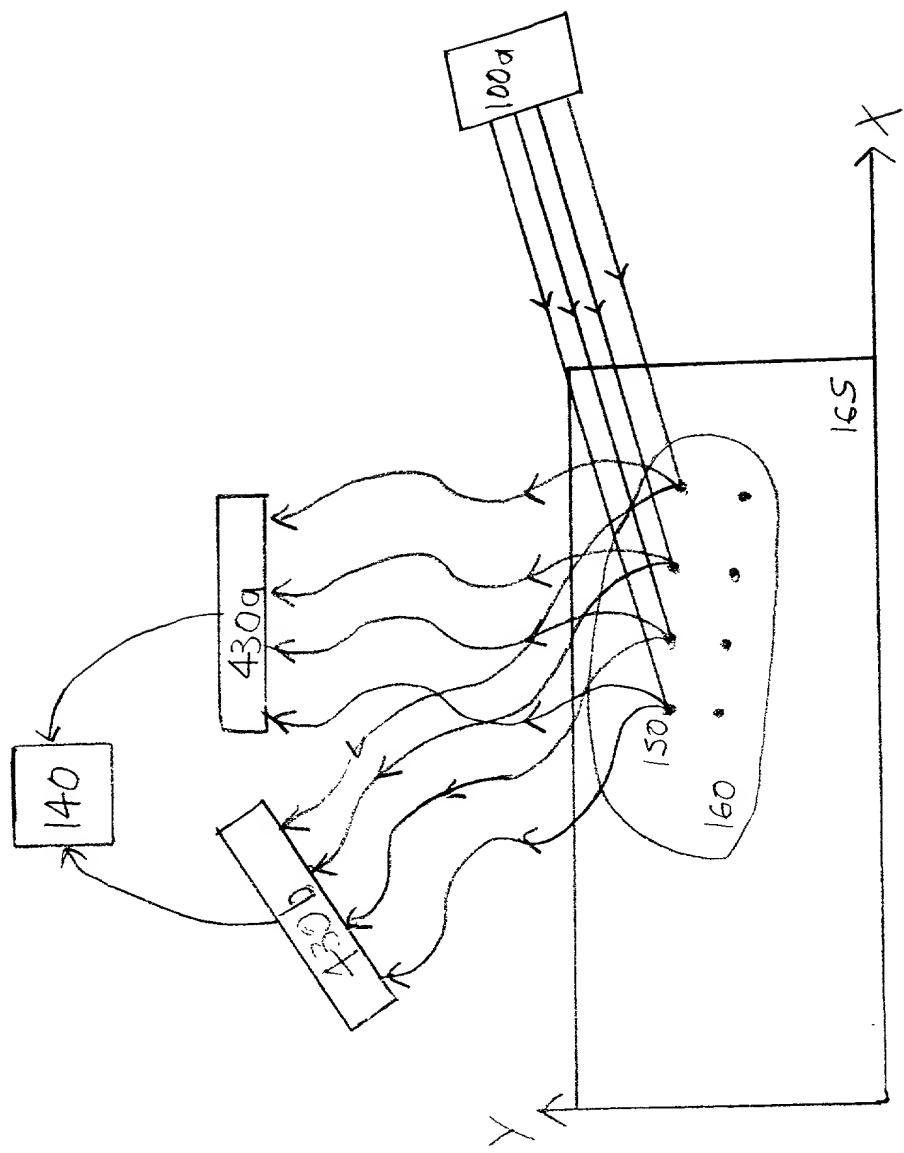


Figure 3a: schematic of a spot array in the standard (a) and interlaced (b) embodiment

F16.4



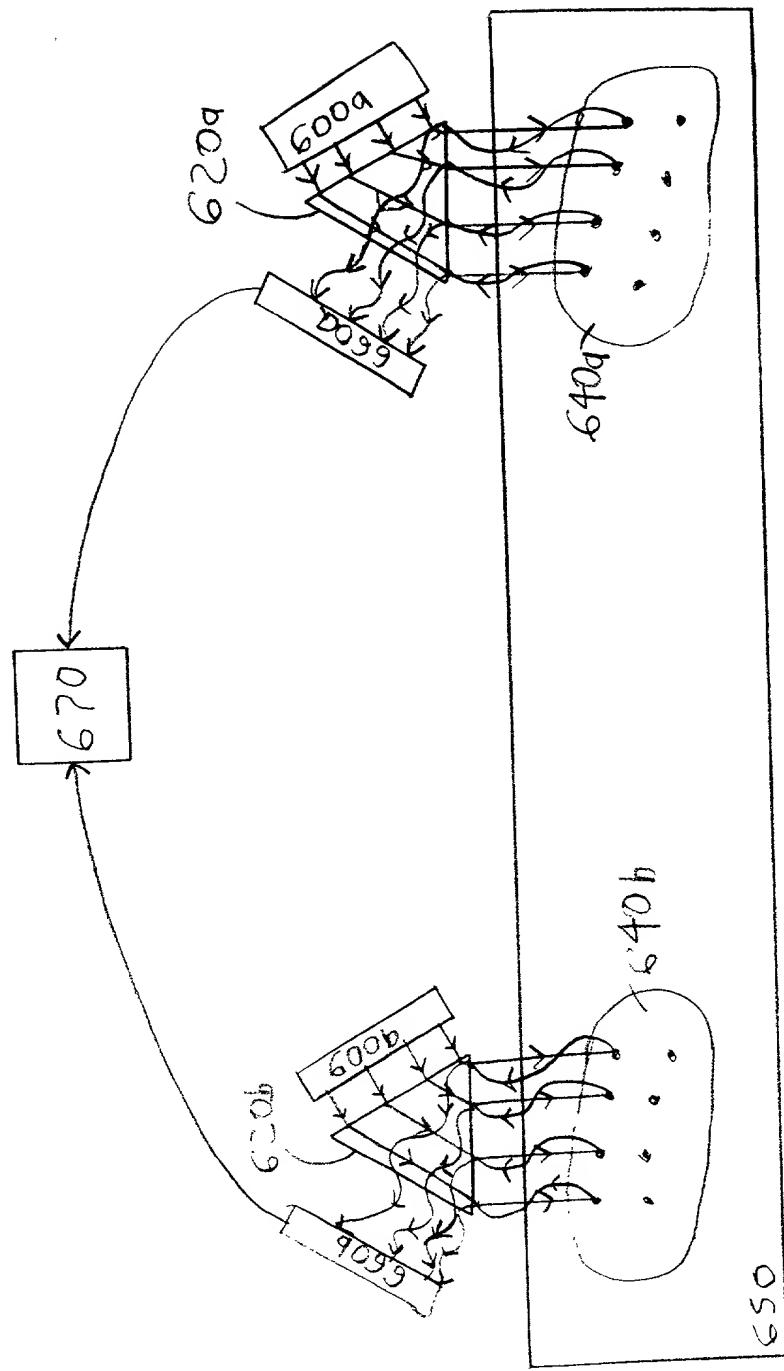


FIG. 5